

FIGURE 2 MONITORED ENVIRONMENT



PIEZOELECTRIC & CANTILEVER BEAM SYSTEM

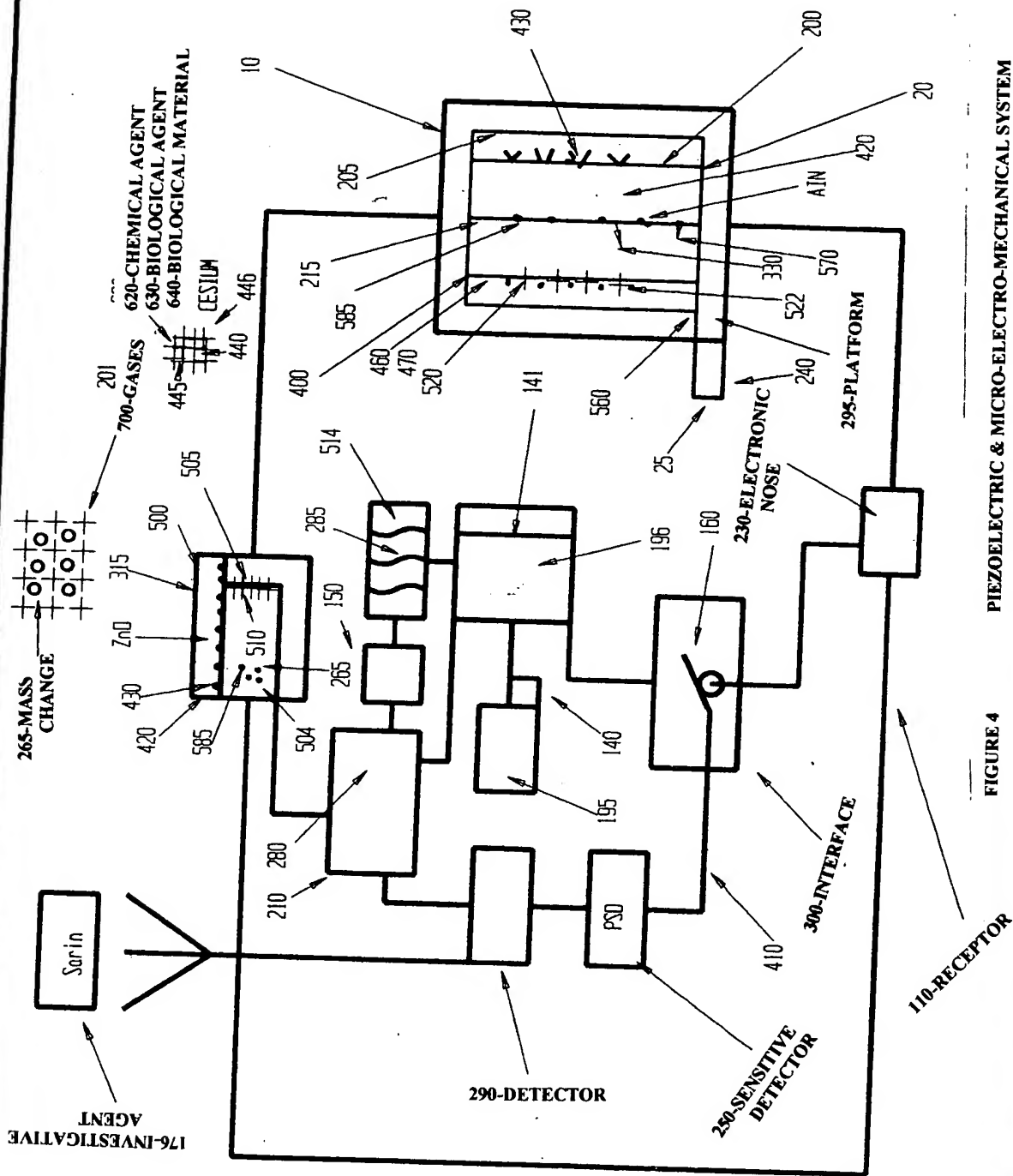


FIGURE 4 PIEZOELECTRIC & MICRO-ELECTRO-MECHANICAL SYSTEM

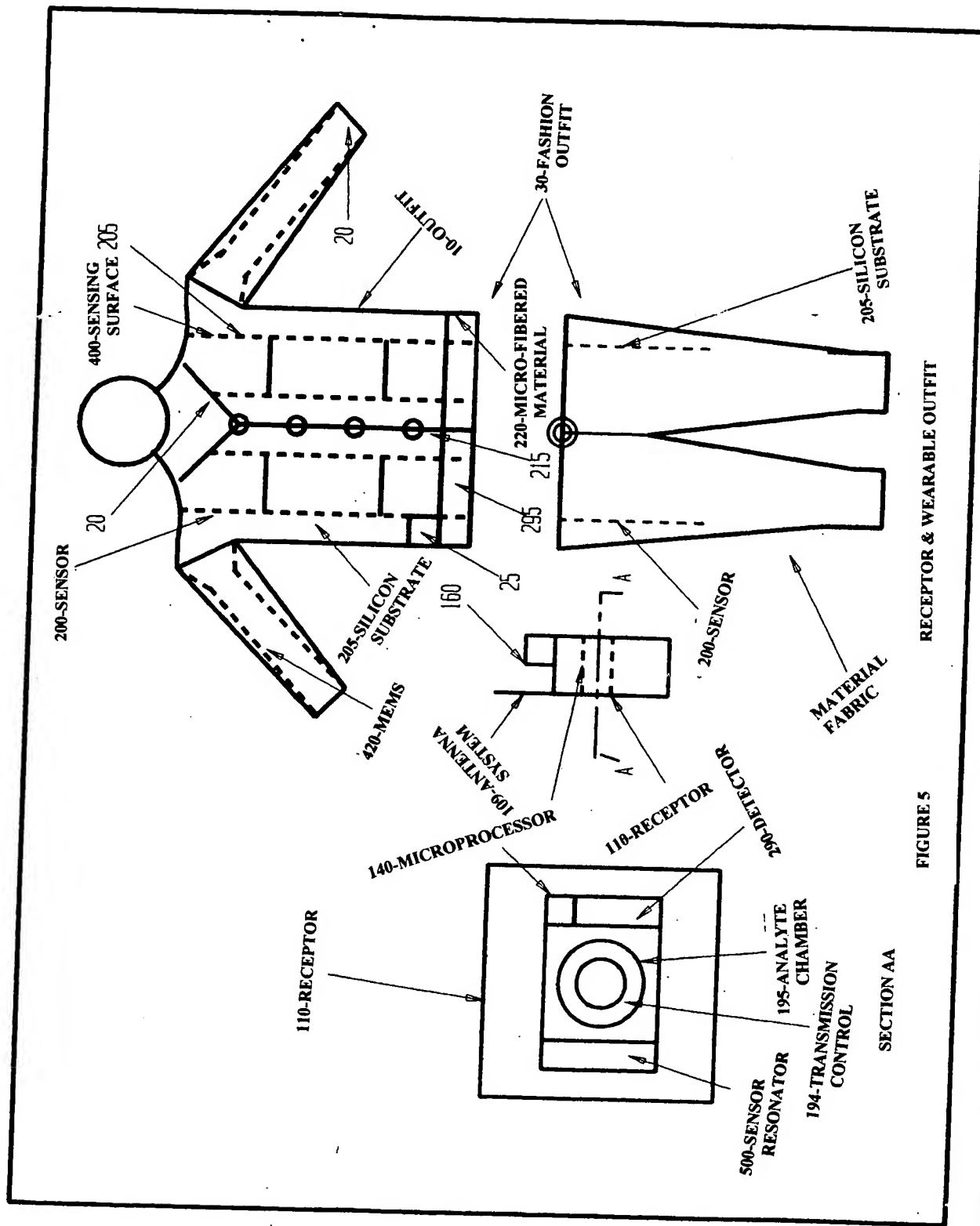


FIGURE 5

RECEPTOR & WEARABLE OUTFIT

SECTION AA

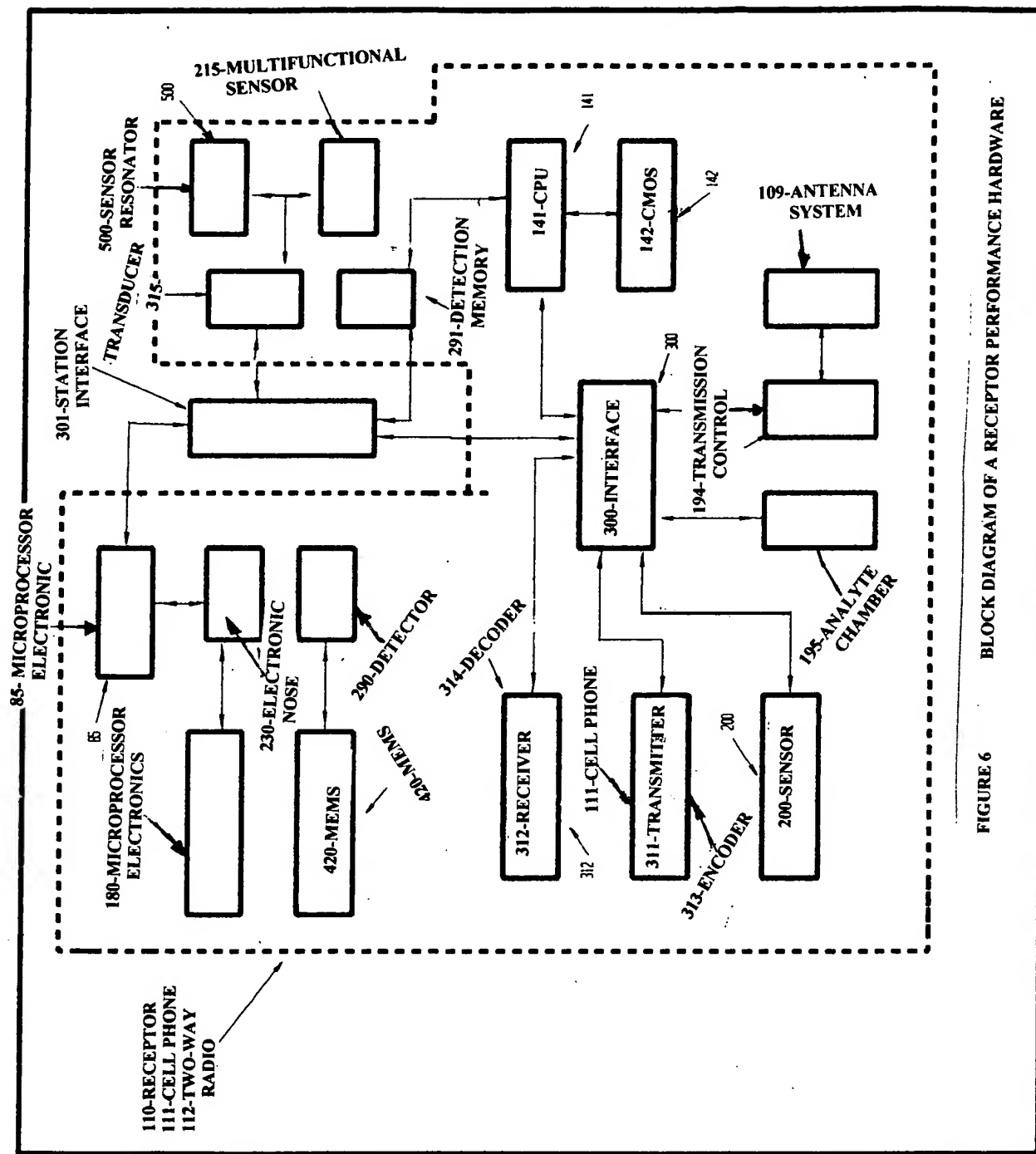


FIGURE 6 BLOCK DIAGRAM OF A RECEPTOR PERFORMANCE HARDWARE

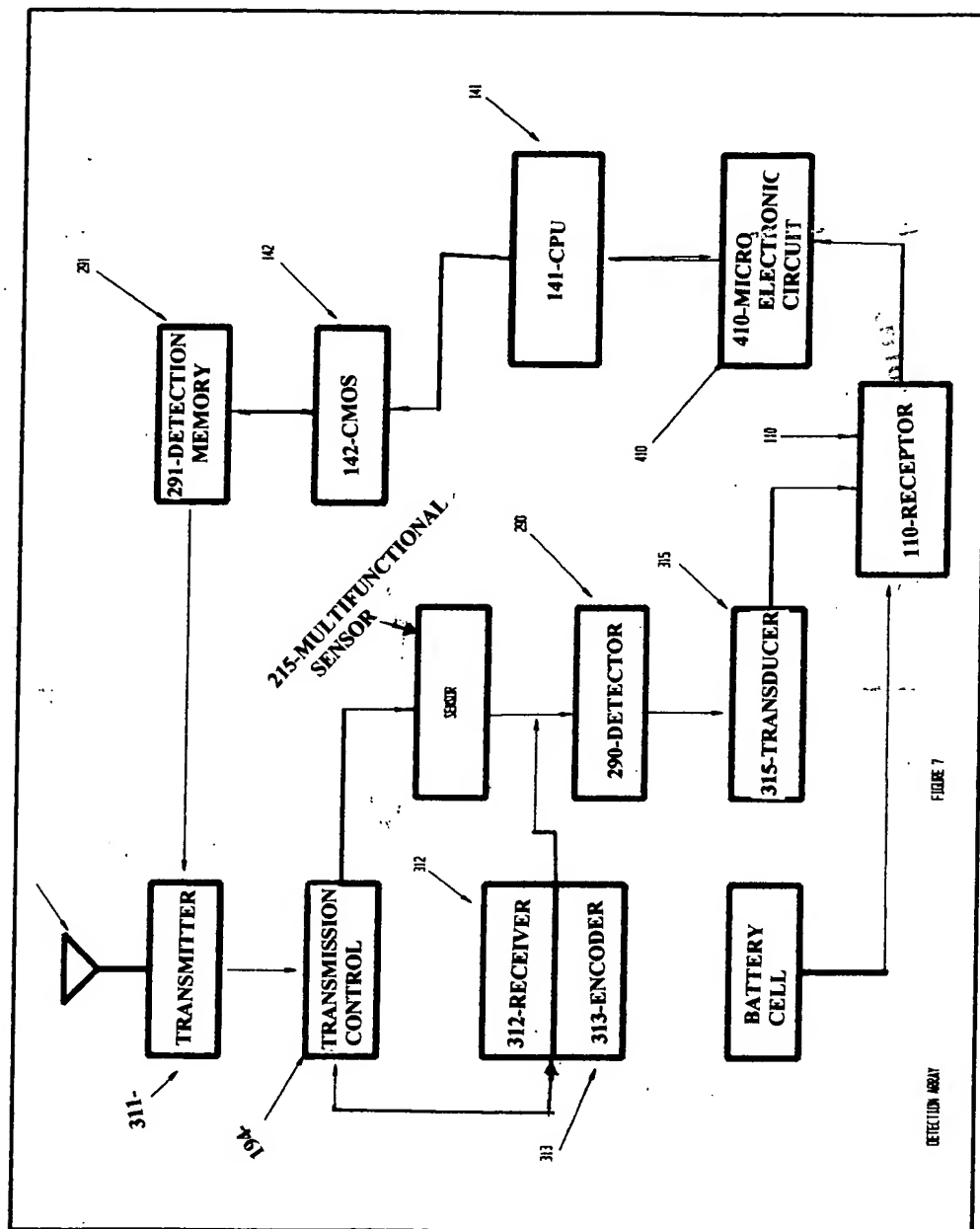


FIGURE 7 DETECTION ARRAY

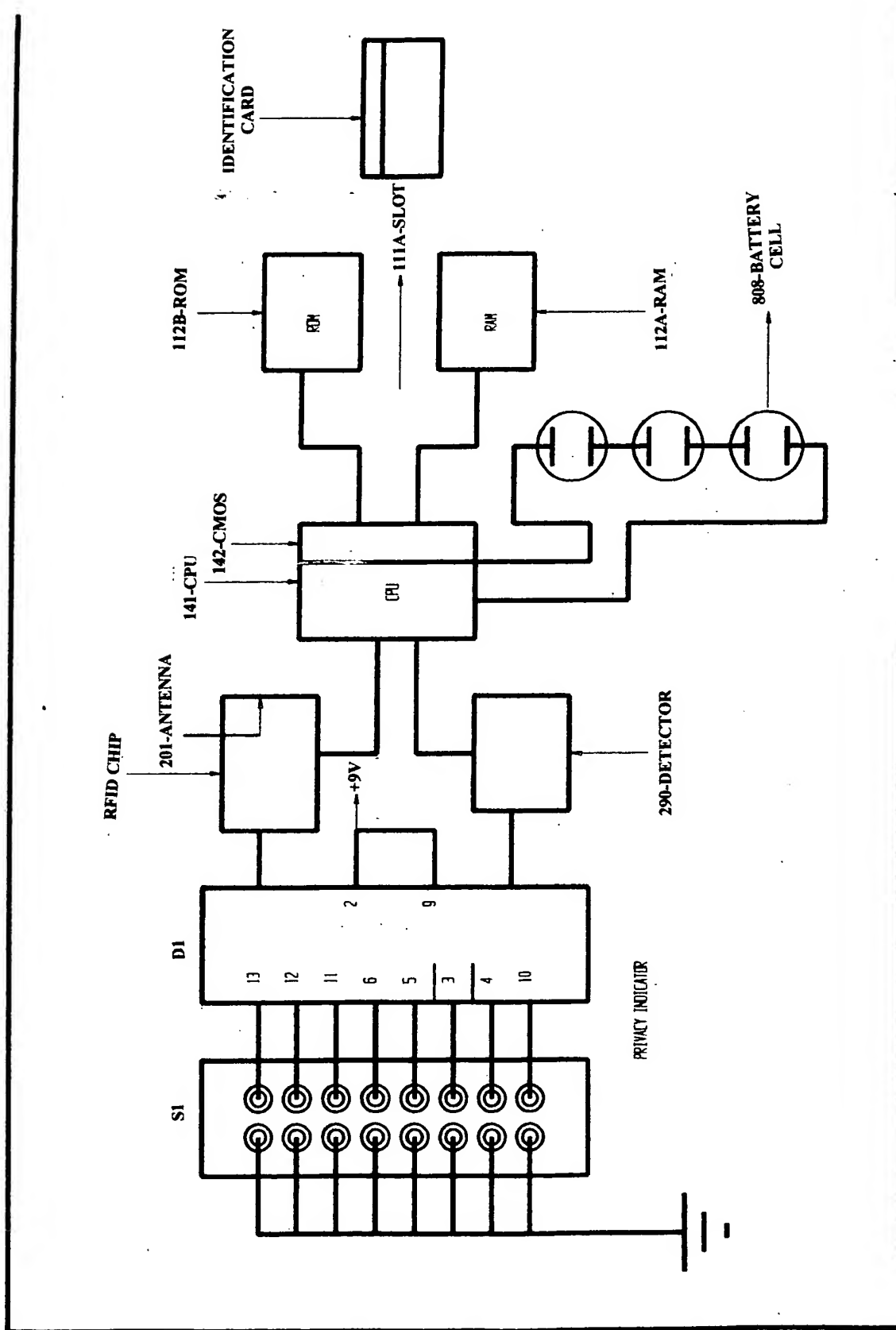


FIGURE 8 RECEPTOR PRIVACY INDICATOR

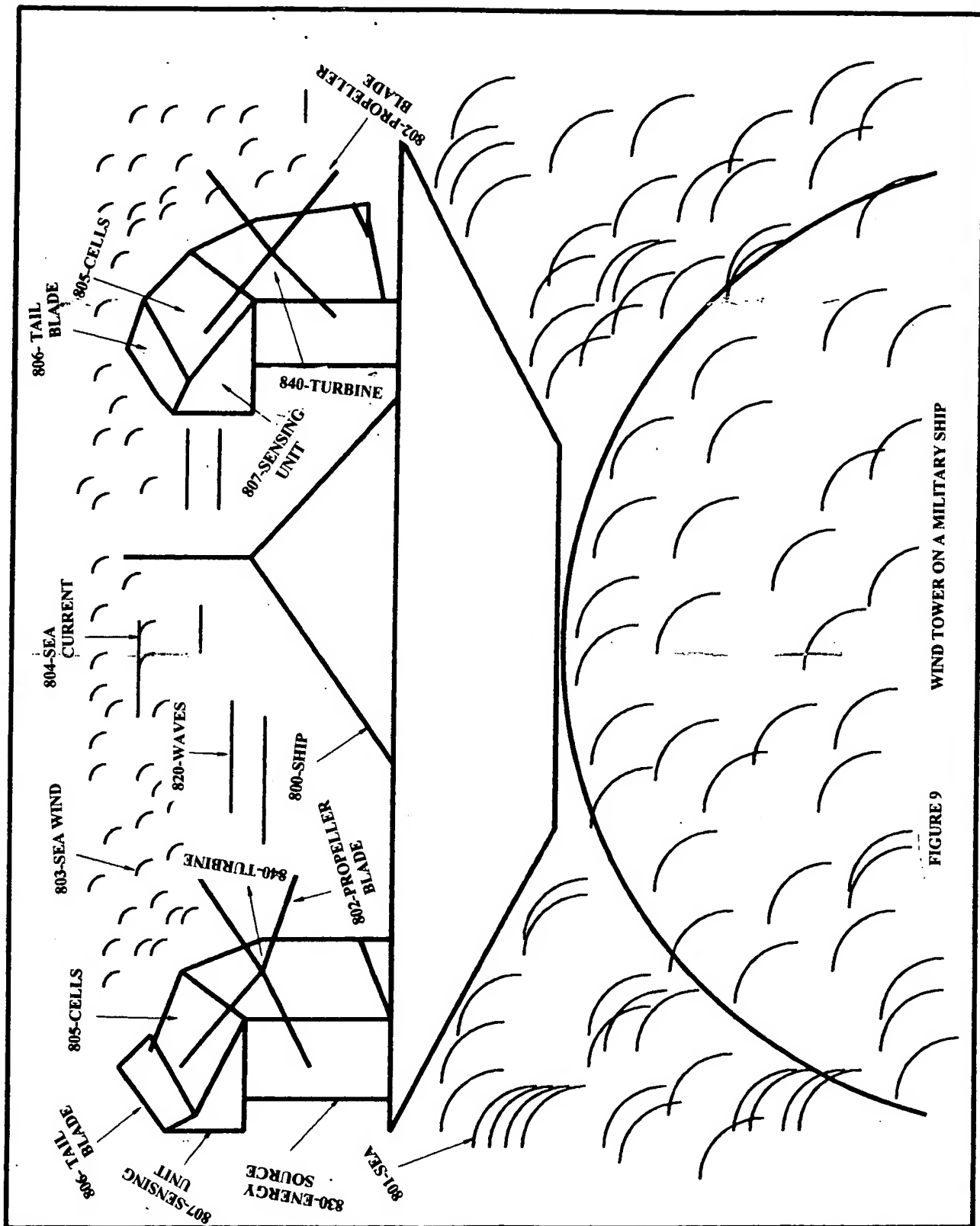


FIGURE 9

WIND TOWER ON A MILITARY SHIP

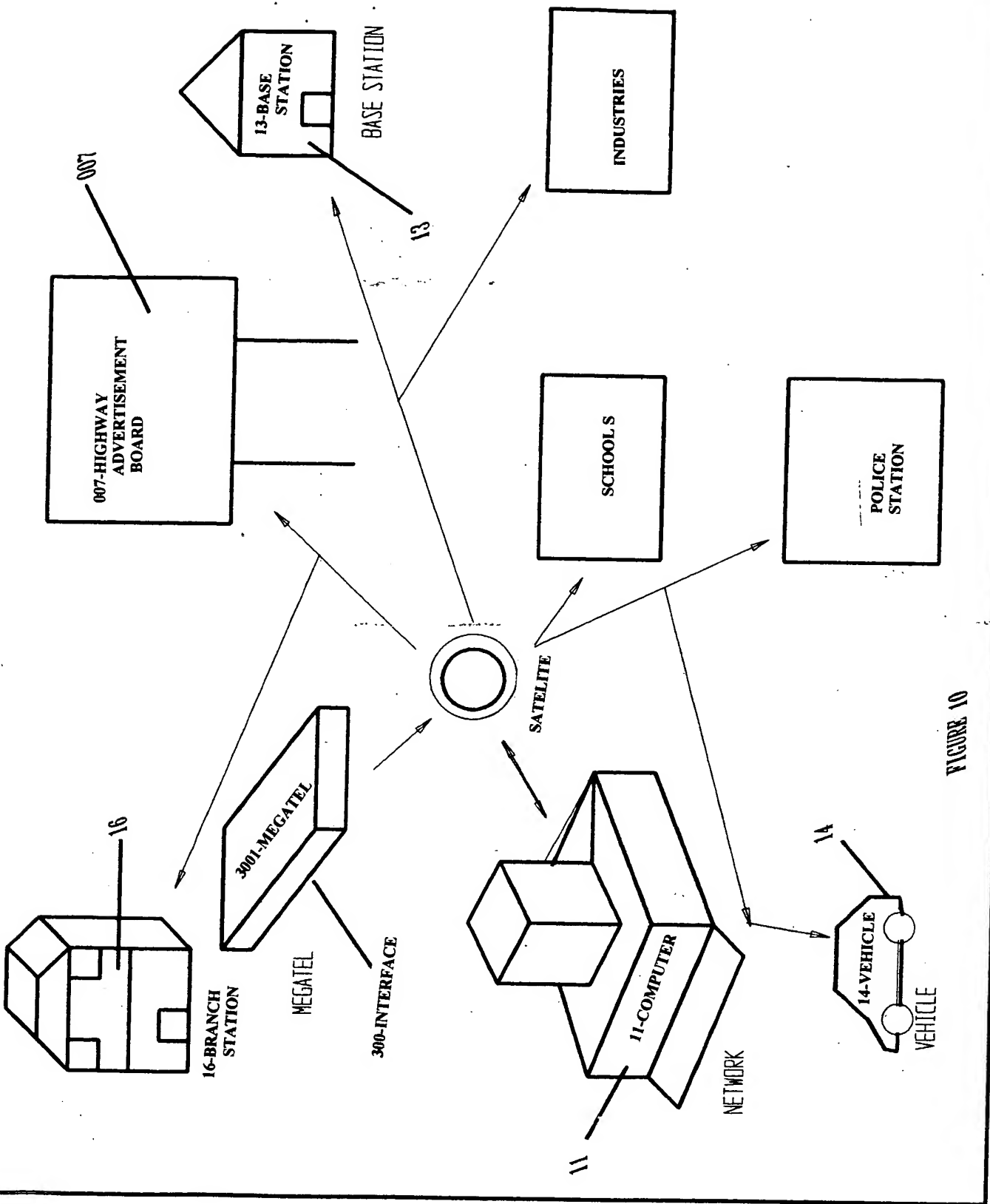


FIGURE 10

FIGURE 10 VARIOUS NETWORKS

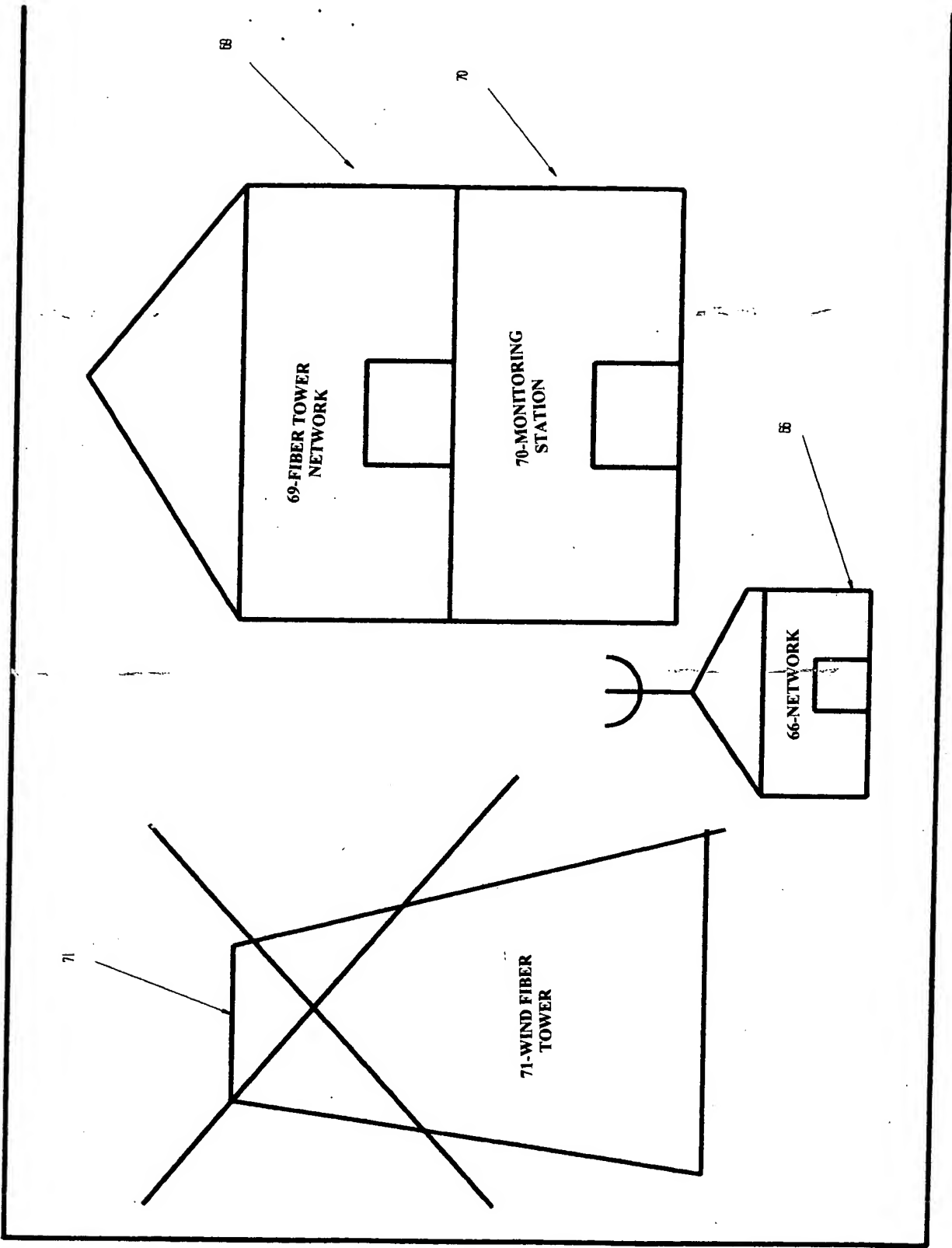


FIGURE 11 NETWORK ENVIRONMENT

CIRCUIT DIAGRAM FOR RECEIVER AND TRANSMITTER

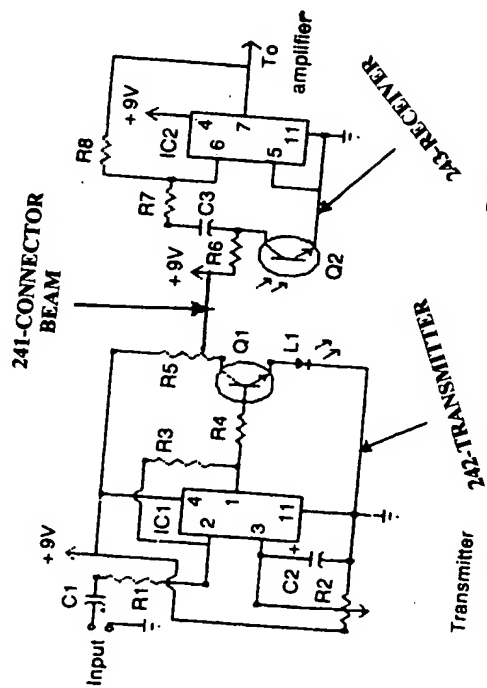
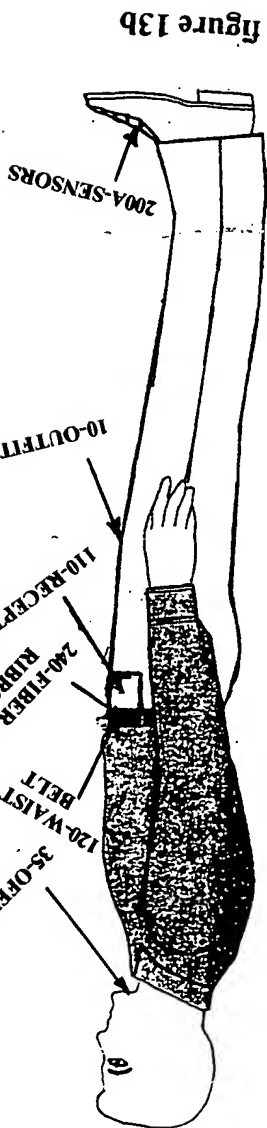
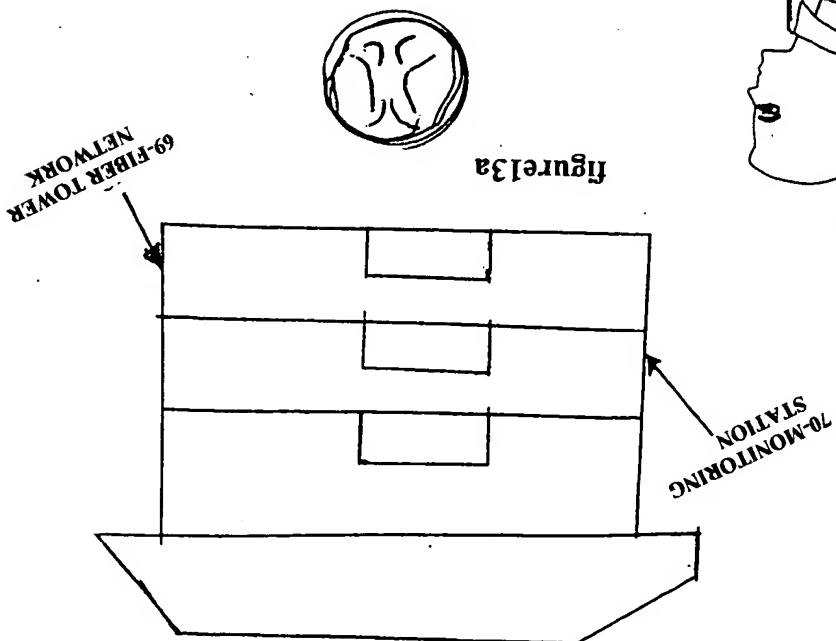
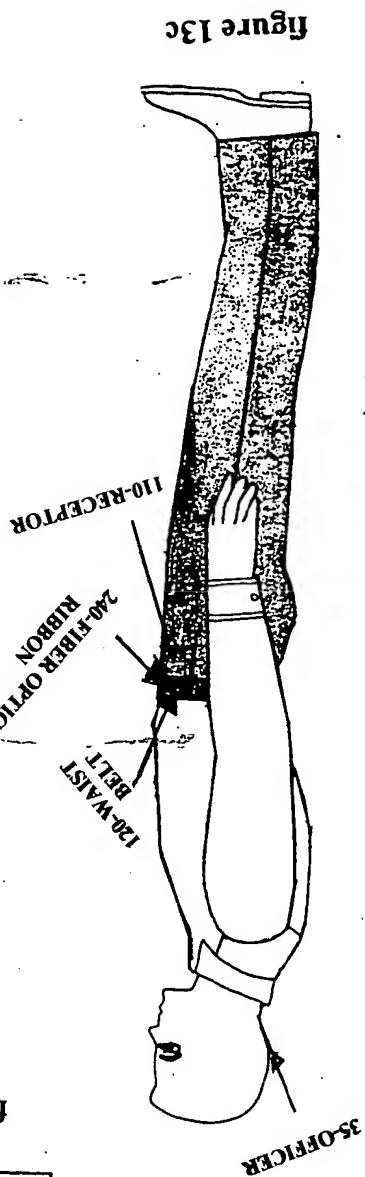
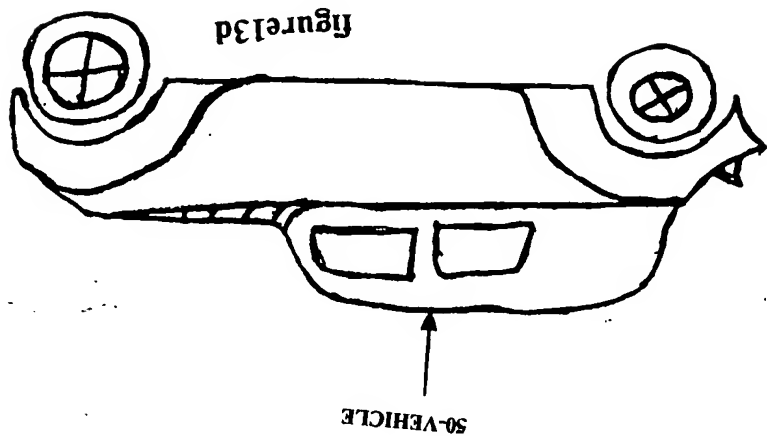


figure12b

FIGURE 12

FIGURE 13
OUTFIT WORN BY A SECURITY PERSONNEL



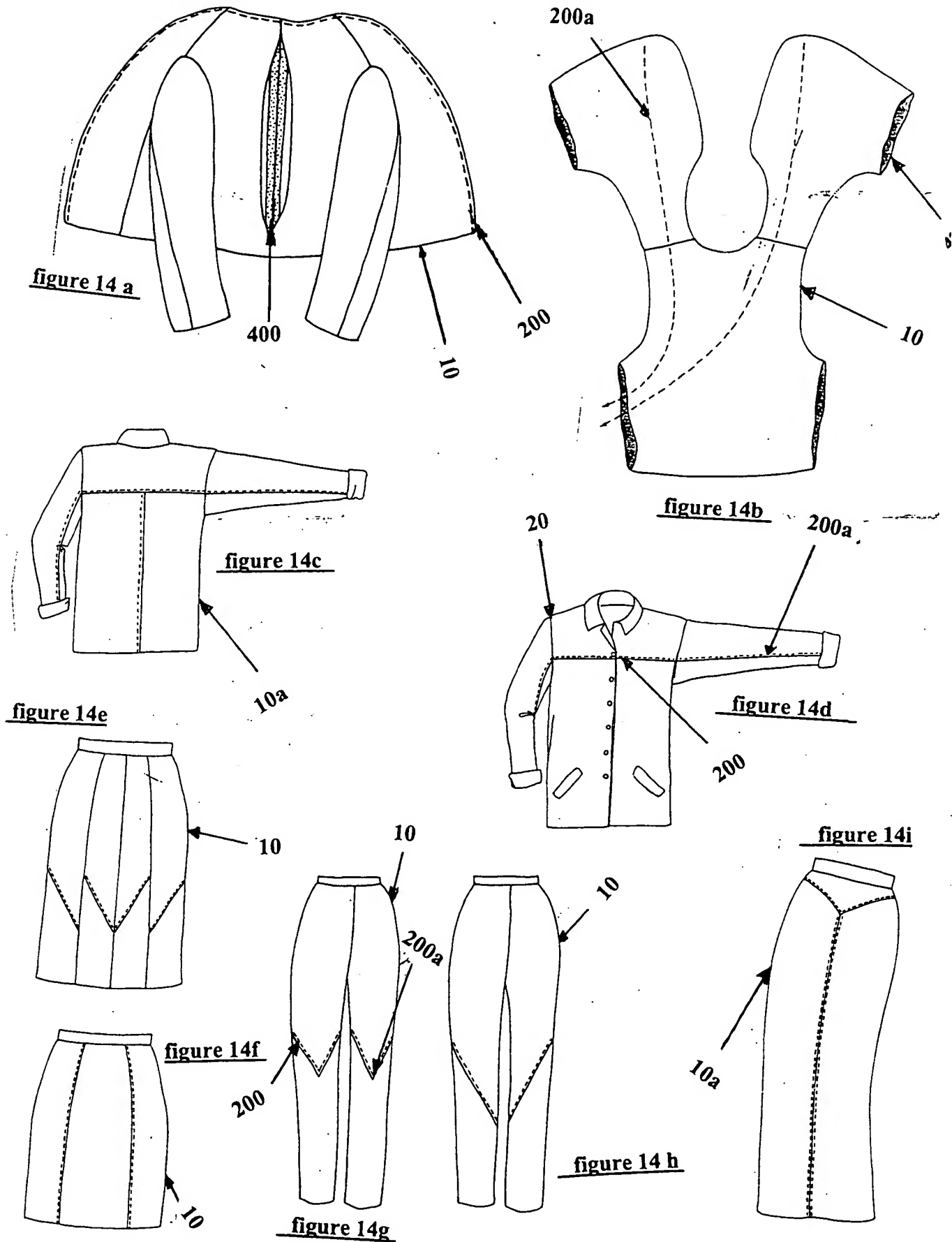


FIGURE 14

DIFFERENT COMBINATIONS OF OUTFIT DESIGN

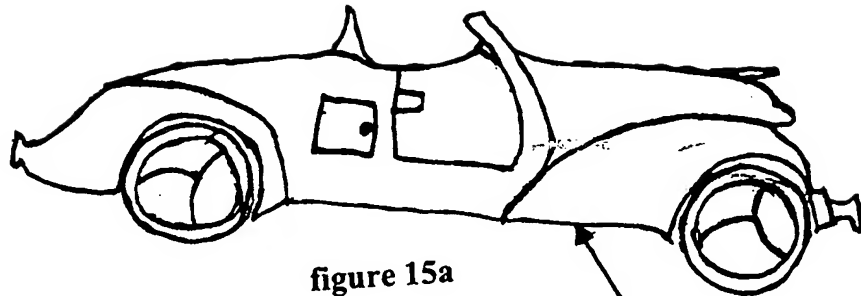


figure 15a

50-VEHICLE

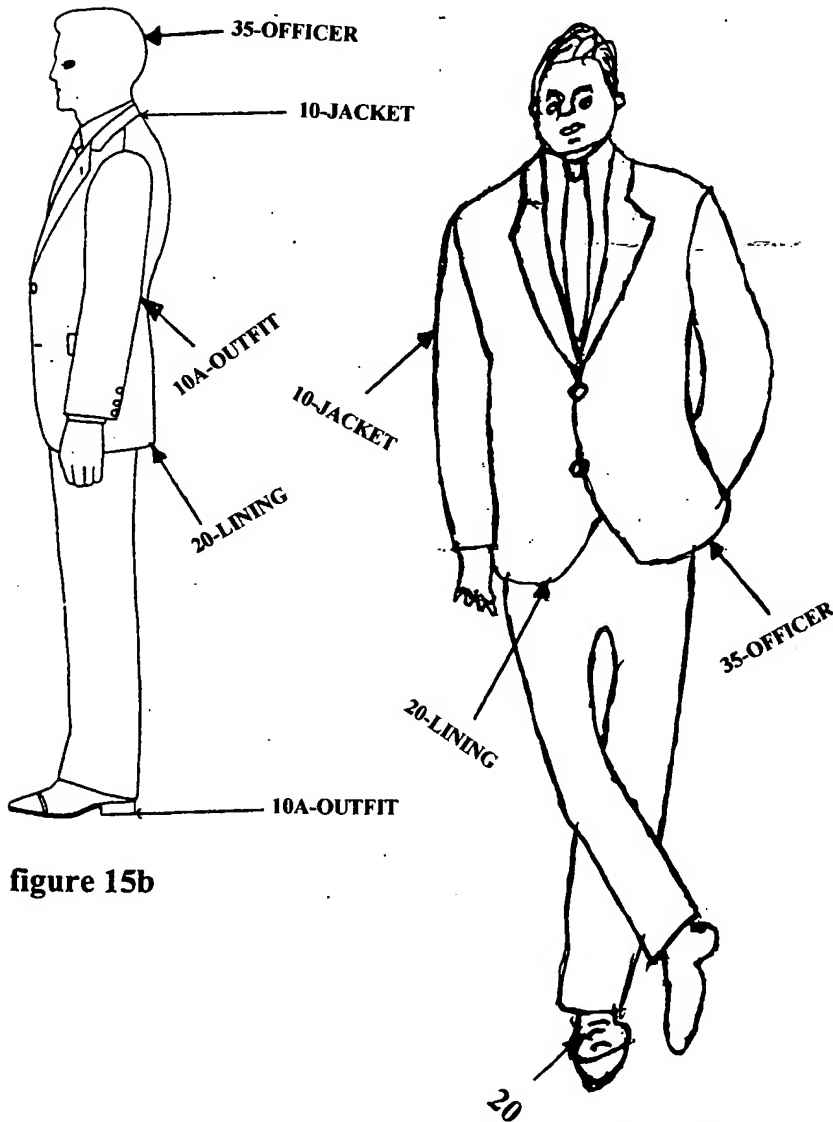


figure 15b

figure 15c

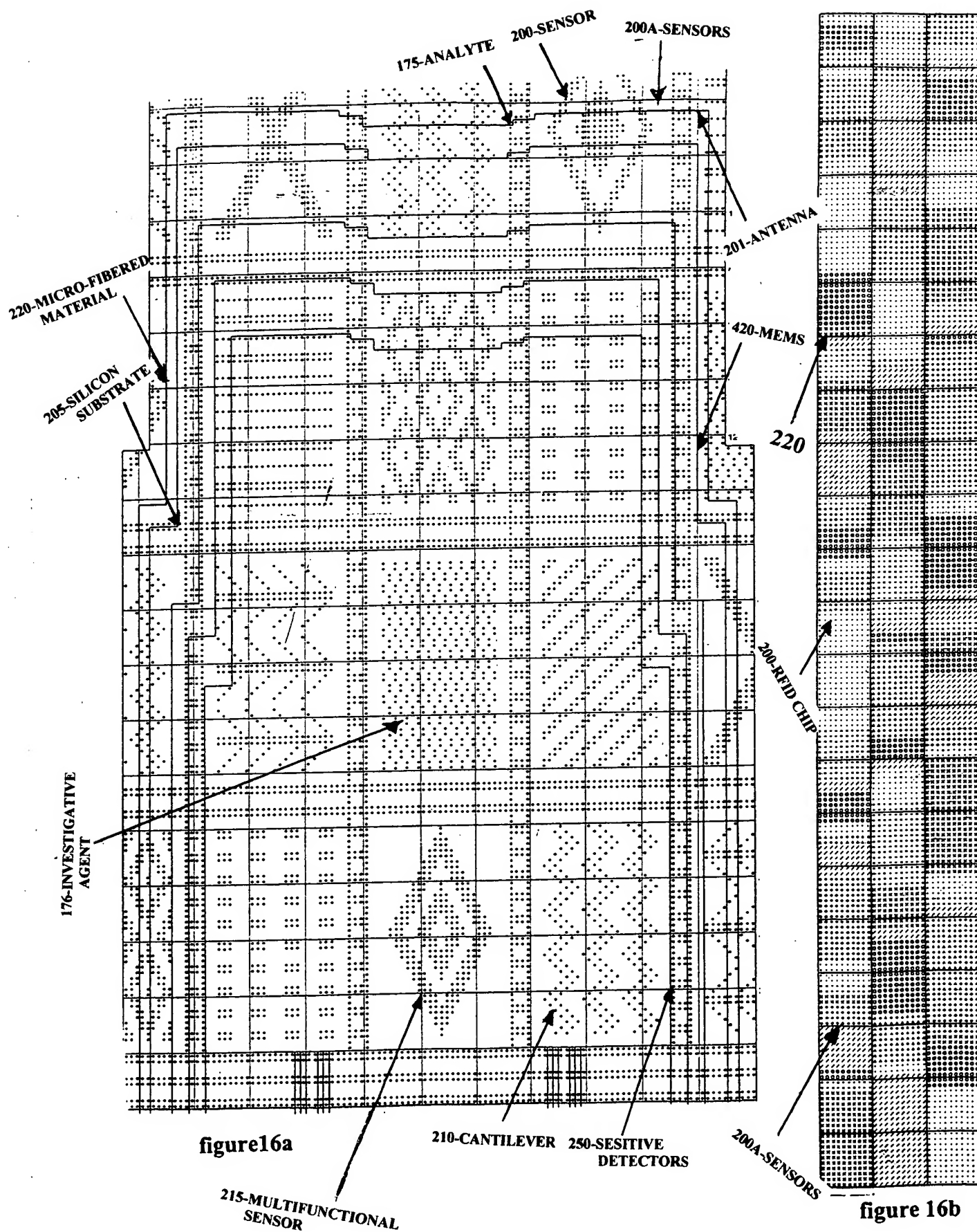


FIGURE 16

MICRO-FIBERED MATERIAL WITH EMBEDDED SENSORS